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PTO/SB/21 (03-03) Approved for use through 04/30/2003. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE der the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMR control number. Application Number 10/623.059 TRANSMITTAL Filing Date July 18, 2003 **FORM** First Named Inventor Hans-Artur Bosser Art Unit 2878 (to be used for all correspondence after initial filing) **Examiner Name** Unknown Attorney Docket Number 129 21295.54 Total Number of Pages in This Submission **ENCLOSURES** (Check all that apply) After Allowance Communication Fee Transmittal Form Drawing(s) to a Technology Center (TC) Appeal Communication to Board Licensing-related Papers Fee Attached of Appeals and Interferences Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) Petition Amendment/Reply Petition to Convert to a Provisional Application Proprietary Information After Final Power of Attorney, Revocation Status Letter Affidavits/declaration(s) Change of Correspondence Address Other Enclosure(s) (please Terminal Disclaimer Extension of Time Request Identify below): Request for Refund **Express Abandonment Request** CD, Number of CD(s) Information Disclosure Statement Remarks Certified Copy of Priority Document(s) Response to Missing Parts/ Incomplete Application Response to Missing Parts under 37 CFR 1.52 or 1.53 SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT Firm Individual Signature Date November 13, 2003 **CERTIFICATE OF TRANSMISSION/MAILING** I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date:

| November 13, 2003 Typed or printed Deborah Celeste Signature November 13, 2003 Date

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Dr. Hans-Artur Bosser and Dr. Horst Engel

CONFIRMATION NO:

3974

APPLICATION NO:

10/623,059

GROUP ART UNIT:

2878

FILED:

July 18, 2003

EXAMINER:

Not Yet Assigned

FOR:

Method for Automatic Determination of Optical Parameters of a Layer

Stack and Computer Program

CERTIFICATE OF MAII

CERTIFICATE OF MAIL

Thereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450:

Deborah Celeste

Date

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Pursuant to Applicant(s) duty of disclosure, the information listed in the attached form PTO-1449 is brought to the attention of the Examiner. Copies of the listed items are enclosed.

The citation of the listed items is not a representation that they constitute a complete or exhaustive listing of the relevant art or that the references are prior art. The items listed are submitted in good faith, but are not intended to substitute for the Examiner's search. It is hoped, however, that in addition to apprising the Examiner of these particular items, they will assist in identifying fields of search and in making as full and complete a search as possible.

Attorney Docket No: 21295.54 (H5638US)

Application Serial No: 10/623,059

Filed: July 18, 2003

The filing of this information disclosure statement is not an admission that the information cited herein is, or is considered to be, material to patentability as defined in 37 C.F.R. § 1.56(b).

I. <u>LIST OF PATENTS, PUBLICATIONS OR OTHER INFORMATION</u>

The patents, publications or other information submitted for consideration by the Office are listed on PTO-1449, attached hereto.

II. <u>COPIES</u>

a. X Submitted herewith is a legible copy of (i) each U.S and foreign patent; (ii) each publication or that portion which caused it to be listed; and (iii) all other information or that portion which caused it to be listed.

III. CONCISE EXPLANATION OF THE RELEVANCE

(check at least one box)

- a. ____ Except as may be indicated below in (b), all of the patents, publications or other information are in the English language or were cited in an English language Search Report, a copy of which is attached hereto (concise explanation not required).
- b. X A concise explanation of the relevance of all patents, publications or other information listed that is not in the English language is satisfied by the enclosed English language abstract and U.S. counterpart.
- c. ____ The following additional information is provided for the Examiner's consideration:

Attorney Docket No: 21295.54 (H5638US) Application Serial No: 10/623,059 Filed: July 18, 2003

FEES

| IV. | THIS IDS I | THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.97(b) | | | | |
|-----|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|--|--|--|
| | (check one | box) | | | | |
| | a | within three months of the filing date of a national application (37 C.F.R. | | | | |
| | | § 1.97(b) (1)). No fee or certification is required. | | | | |
| | b | within three months of the date of entry of the national stage as set forth | | | | |
| | | in §1.491 in an international application (37 C.F.R. § 1.97(b) (2)). No fee or certification is required. | | | | |
| | c. <u>X</u> | before the mailing date of a first Action on the merits (37 C.F.R. § 1.97(b) | | | | |
| | | (3)). No fee or certification is required. In the event that a first Office | | | | |
| | | Action on the merits has been issued, please consider this IDS under 37 | | | | |
| | | C.F.R. § 1.97(c) and see the certification under 37 C.F.R. § 1.97(e) below, | | | | |
| | | or, if no certification has been made, charge our deposit account a fee in | | | | |
| | | the amount of \$180.00 as required by 37 C.F.R. § 1.17(p). | | | | |
| V. | THIS IDS I | S BEING FILED UNDER 37 C.F.R. § 1.97(c): | | | | |
| | (check one box) | | | | | |
| | before the r | mailing date of a Final Office Action under 37 C.F.R. § 1.113 (See 37 C.F.R. § | | | | |
| | 1.97(c) (1)) or before the mailing date of a Notice of Allowance under 37 C.F.R. § 1.311 | | | | | |
| | (See 37 C.F | F.R. § 1.97(c) (2)). | | | | |
| | a | No certification; therefore, a fee in the amount of \$180.00 is required by | | | | |
| | | 37 C.F.R. § 1.17(p). | | | | |
| | | or | | | | |
| | b | See the certification below. No fee is required. | | | | |
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CERTIFICATION UNDER 37 C.F.R. § 1.97(e) (check only one box) VI.

The undersigned hereby certifies that:

Attorney Docket No: 21295.54 (H5638US) Application Serial No: 10/623,059 Filed: July 18, 2003

| | a | each item of information contained in the IDS was cited in a |
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| | | communication from a foreign Patent Office in a counterpart foreign |
| | | application not more than three months prior to the filing of this IDS; or |
| | b | no item of information contained in the IDS was cited in a communication |
| | | from a foreign Patent Office in a counterpart foreign application or, to the |
| | | best of my knowledge after making reasonable inquiry, was known to any |
| | | individual designated in 37 C.F.R. § 1.56(c) more than three months prior |
| | | to the filing of this statement. |
| | c | Some of the items of information were cited in a communication from a |
| | | foreign Patent Office. As to this information, the undersigned certifies |
| | | that each item of information contained in the IDS was cited in a |
| | | communication from a foreign Patent Office in a counterpart foreign |
| | | application not more than three months prior to the filing of this IDS. As |
| | | to the remaining information, the undersigned hereby certifies that no item |
| | | of this remaining information contained in the IDS was cited in a |
| | | communication from a foreign Patent Office in a counterpart foreign |
| | | application or, to the best of my knowledge after making reasonable |
| | | inquiry, was known to any individual designated in 37 C.F.R. § 1.56(c) |
| | | more than three months prior to the filing of this statement. |
| | Please | charge Deposit Account No. 502233 in the amount of \$180.00 for the |
| | above- | indicated fee. A triplicate copy of this paper is attached. |
| | A chec | ck in the amount of \$180.00 is enclosed. |
| <u>X</u> | No fee | is required. |
| | | |

Attorney Docket No: 21295.54 (H5638US) Application Serial No: 10/623,059

Filed: July 18, 2003

VII. THIS IDS IS BEING FILED UNDER 37 C.F.R. § 1.704(d) (PATENT TERM ADJUSTMENT)

Applies to original applications (other than design) filed on or after May 29, 2000

| [] | a com | Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement. | | |
|-----|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
| [X] | Enclosed herewith is form PTO-1449: | | | |
| | [X] | Copies of the cited references are enclosed. | | |
| | [] | Copies of cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.] | | |
| | [] | The listed references marked with an "*" were cited in the enclosed International Search Report in a counterpart foreign application. | | |
| | [X] | The "concise explanation" requirement (non-English references) for reference DE 100 21 379 A1 under 37 CFR 1.98(a)(3) is satisfied by: [] the explanation provided on the attached sheet [] the explanation provided in the Specification. [] submission of the enclosed International Search Report. [X] the enclosed English language abstract and U.S. counterpart. | | |
| | | | | |

Attorney Docket No: 21295.54 (H5638US) Application Serial No: 10/623,059

Filed: July 18, 2003

If the Examiner has any questions concerning this IDS, he/she is requested to contact the undersigned. If it is determined that this IDS has been filed under the wrong rule, the PTO is requested to consider this IDS under the proper rule (with a petition, if necessary) and charge the appropriate fee to Deposit Account No. 502233.

Respectfully submitted,

Date: Nov. 13, 2003

Maria M. Eliseeva, Reg. No. 43,328

Maris Eliseeva

Customer No. 29127 Houston Eliseeva LLP 4 Militia Drive, Ste. 4 Lexington, MA 02421

Tel: 781-863-9991 Fax: 781-863-9931 MOV 1 7 2003

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Substitute for form 1449/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

| Complete if Known | | | |
|------------------------|-------------------|---|--|
| Application Number | 10/623,059 | | |
| Filing Date | July 18, 2003 | | |
| First Named Inventor | Hans-Artur Bosser | | |
| Art Unit | 2878 | | |
| Examiner Name | Unknown | _ | |
| Attorney Docket Number | 21295 54 | | |

| | , | | | DOCUMENTS | |
|-----------------------|--------------------------|----------------------------------------------------------|-----------------------------|----------------------------------------------------|---------------------------------------------------------------------------------|
| Examiner Initials* | Cite No. ¹ | Document Number Number-Kind Code ^{2 (# known)} | Publication Date MM-DD-YYYY | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear |
| - | | ^{US-} 4,984,894 | Jan 15 1991 | Kondo | |
| | | ^{US-} 5,440,141 | Aug 8 1995 | Horie | |
| | | ^{US-} 5,864,633 | Jan 26 1999 | Opsal, et al. | |
| | | ^{US-} 2002003217 | Jan 10 2002 | Engel, et al. | |
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|-----------------------|--------------|--------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------|---------------------------------------------------|---|
| Examiner Initials* | Cite No.1 | Foreign Patent Document | Publication Date | Name of Patentee or Applicant of Cited Document | Pages, Columns, Lines, Where Relevant Passages | T |
| | | Country Code ³ "Number ⁴ "Kind Code ⁵ (<i>if known</i>) | MM-DD-YYYY | | Or Relevant Figures Appear | T |
| | | EP 0 644 399 B1 | Dec 2 1998 | Horie | | |
| | | DE 100 21 379 A1 | Nov 8 2001 | Mikkelsen | | |
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| Examiner | Date | |
|-----------|------------|--|
| Signature | Considered | |

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Nind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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